

The technology of activation of theoretical and creative thinking of bilingual students

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Abstract

© 2015 by the authors. Bilingual students constitute a significant part of the school students in Russia. The main problem of their education quality is digesting the general educational subjects (especially mathematics and physics) in Russian, which is the second language for them. The purpose of the article is detecting the reasons of poor effectiveness of mathematics and physics lessons and developing the technology which will be able to improve the level of acquiring knowledge in these subjects. The main methods of the research were analytical, diagnostic and experimental. The results of the research showed that mathematics and physics teachers disregard activation and development of the students' creative thinking at their classes. On the basis of data received the article presents the technology of theoretical and creative thinking activation. The technology essentially increases the quality of education, the level of theoretical thinking and creativeness development among 5-11 year students in mathematics and physics classes. The article may be of interest to school and university teachers.

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Keywords

Bilingual student, Creative thinking, Mathematics and physics classes, Students' creative abilities, Theoretical and practical thinking